



## Celebrate STMA's 25th Conference & Exhibition Deep in the Heart of Texas: San Antonio 2014!

**S**TMA TRAVELS TO SAN ANTONIO, TEXAS from January 21-25, 2014 for the association's 25th Conference & Exhibition. San Antonio is a city – the second largest in Texas – rich in American history and steeped in a unique cultural heritage. It is home to the historic Alamo, world-renowned Riverwalk, Missions National Historical Park and scenic Texas Hill Country.

A visit would not be complete without a stop at the world-famous Riverwalk, which opened a new 1.3 mile extension since STMA was there in 2007. In 2010, Travel + Leisure magazine named it one of "America's Coolest River Walks" saying "This granddaddy of river walks charms with four miles of cypress-lined cobble-and-flagstone paths along both sides of the narrow San Antonio River. Locals and visitors cool off on the horseshoe-shaped loop downtown, meandering past trendy shops and stopping at hot spots like Boudro's for guacamole prepared tableside." A number of varied shopping and cultural events abound; the downtown area surrounds the convention center.

The Alamo is, undoubtedly, one of San Antonio's highest-profile attractions and one of the most-visited historical sites in the United States. According to the San Antonio Convention and Visitors Bureau, "The Alamo (Mission San Antonio de Valero) was founded in 1718 as the first mission in San Antonio, serving as a way station

between east Texas and Mexico. In 1836, decades after the mission had closed; the Alamo became an inspiration and a motivation for liberty during the Texas Revolution. For 13 days in 1836, close to 200 Texas defenders held the Alamo from over one thousand of General Santa Anna's troops from Mexico. The most famous of the defenders, William Travis, Jim Bowie, and Davy Crockett, died fighting overwhelming odds for freedom." Additionally, contrary to public opinion, there actually is a basement in the Alamo.

For the past 25 conferences and exhibitions, STMA has provided attendees with a best-in-class experience through innovative educational sessions, networking opportunities, hands on tours of sports facilities and a singular focus on advancing the sports turf industry as a whole. As the premier not-for-profit, professional association for the men and women who manage sports fields worldwide, the association is excited at the opportunity San Antonio provides to show how our dedicated members have moved this organization to where it is now, and to share our board's vision for the next 25 years (and beyond).

We hope to see you in San Antonio, Jan. 21-24, 2014, for STMA's 25th Annual Conference & Exhibition!

### Conference Highlights

Celebrate STMA's 25th Anniversary in San Antonio with all the exceptional sessions, semi-

nars, and workshops you've come to expect from the industry's premier sports field association. Explore the rich culture, cuisine and character of a city that has proven to be one of our nation's most endearing travel destinations and benefit from the ultimate learning event of the year!

### STMA REGISTRATION HOURS

All at the Henry B. Gonzalez Convention Center

**TUES., JAN. 21 — 6:30 am – 6:30 pm**

**WED., JAN. 22 — 7 am – 6:30 pm**

**THURS., JAN. 23 — 7 am – 6:30 pm**

**FRI., JAN. 24 — 7 am – 1 pm**

### STMA EXPOSITION HOURS

**THURS., JAN. 23 — 1:30 – 7 pm (Reception)**

**FRI., JAN. 24 — 10 am – 1 pm (Lunch)**

### FULL CONFERENCE REGISTRATION

Just \$375

(Register by Dec. 15. After Dec. 15: \$450)

#### Includes:

- All education sessions, plus pre-conference workshops
- More than 76 hours of education
- Breakfasts and most lunches
- Receptions and Awards Banquet

## General Session – New Time!

Wed., Jan. 22, 8 – 9:15 am

- STMA Past, Present and Future. Hear where we've been, where we are today and where we are going.
- Introductory Remarks – *STMA President Michael Goatley, Jr., Ph.D.*
- Brief History of STMA and the Annual Conference – *Steve Wightman*
- Where We Are Today – 2014 Conference Highlights – *Jeffrey Fowler*
- Keynote: "Skills to Survive in the Future" – *Dr. Rick Rigsby*



**Dr. Rick Rigsby**  
Photo provided  
by Lisa Nikole

## Keynote Address Dr. Rick Rigsby

### "Skills to Survive in the Future"

Dr. Rick Rigsby is a favorite among audiences worldwide. Born and reared in the San Francisco Bay Area, Rick graduated from college in 1978 with a degree in communications and a goal to be a network correspondent. Following a successful career as a television news reporter for a CBS affiliate in Northern California, Rick earned his Master's degree from California State University, Chico followed by his Doctorate from the University of Oregon. Graduate school was followed by two decades as a college professor – the last 14 years at Texas A&M University – where Rick also served as character coach and chaplain for the Aggies football team. In high demand among educational, business, and service organizations and a favorite among professional sports organizations including the PGA and the National Football League, Rick offers common-sense wisdom to those desiring to rise to greater levels of excellence.

### STMA Academy

Tuesday, Jan. 21, 2:30 – 5 pm

Attend high level education, pre-conference, at no additional fee.

## STMA Networking

Wed., Jan 22, 5:15 – 6:15 pm

Meet with your peers during this formalized networking session. Each category of membership meets separately to share issues and practical solutions.

## STMA Welcome Reception & Casino Night

Wed., Jan. 22, 7 – 10 pm

A must-attend networking event. Enjoy heavy hors d'oeuvres and beverages. For those who wish to gamble, there is a separate area for Casino Night, which benefits The SAFE Foundation.

## Annual Meeting & Lunch – Members Only

Thurs., Jan. 23, 12 – 1:15 pm

All members are invited to enjoy lunch, hear about STMA's progress and meet your new Board of Directors.

## Annual Awards Reception & Banquet

Fri., Jan. 24, 6:30 – 10 pm

Enjoy excellent food and beverages while helping to honor STMA's award winners. Registration required. Coat and tie preferred.

## Student Activities

Students are welcome and encouraged to attend all that the conference offers.

## Student Networking Session

Wed., Jan. 22, 5:15 – 6:15 pm

## Student Educational Track

Thurs., Jan. 23, 8 am – 12 pm

## Creating a New Career Path

Abby McNeal, CSFM – Wake Forest University Athletics

## Managing and Molding Tomorrow's Field Managers Today

Michael Boettcher – Milwaukee Brewers Baseball Club

## Internships and How to Get the Most Out of Them

Zach Severns – Architectural Design, Inc.

## STMA Annual Meeting and Lunch

Thurs., Jan. 23, 12 – 1:15 pm

Students have this time open to attend.

# SUPPORT SAFE



### PARTICIPATE & DONATE!

Last year's activities raised \$30,800. This year's goal: \$40,000

STMA's charity, SAFE, will be holding many activities to raise funds for scholarship, education, outreach, and research.

### NEW THIS YEAR – 5K RUN OR WALK!

Fri., Jan. 24, 3 pm.

Please see page 18 for more information.

### SAFE GOLF SCRAMBLE

Tues., Jan. 21, 9 am – 4 pm

Please see page 18 for more information.

### SAFE CASINO NIGHT

Wed., Jan. 22, 8:30 pm

Gamble for a good cause! Set within the Welcome Reception, Casino Night is a fee-based event that supports the SAFE Foundation. There is no charge to attend the

Welcome Reception. Register early and receive extra chips! See registration form. Walk-ups welcome. When you cash out, you are eligible to win prizes.

### SILENT AUCTION

Thurs., Jan. 23, 1:30 – 6:30 pm & Fri., Jan 24, 10 am – 12:30 pm

Held during the exposition. Take home some great bargains. New items daily!

### LIVE AUCTION

Fri., Jan. 24, 6:30 – 7 pm

Get some great technology, travel and gift items for unbelievable prices!

### RAFFLES

Buy raffle tickets throughout the conference for a chance to win exciting items. The drawing will take place at the beginning of the Awards Banquet (need not be present to win).

## SCHEDULE AT A GLANCE

### TUES., JAN. 21

6:30 – 8:30 am	Continental Breakfast
6:30 am – 6:30 pm	Registration Open
7 am – 5 pm	Full Day Seminar on Wheels
9:00 am – 4 pm	SAFE Golf Tournament
2:30 – 5 pm	STMA Academy: 400+ level education (included in full conference price)
3:30 – 7:30 pm	STMA Certification Exam
6 – 9 pm	Chapter Officer Training (includes dinner)

### WED., JAN. 22

7 – 8 am	Continental Breakfast
7 am – 6:30 pm	Registration Open
8 – 9:15 am	General Session: STMA Past, Present and Future. Keynote Address: "Skills to Survive in the Future" – Dr. Rick Rigsby, Educator & Former Broadcaster
9:30 am – 12 pm	Conference Education
12 – 2 pm	Break
12 – 2 pm	Women's Forum Lunch New Time!
2 – 5 pm	Conference Education
5:15 – 6:15 pm	Conference Networking Sessions
6:30 – 7 pm	First-Timers Reception
7 – 10 pm	Welcome Reception & Casino Night

### THURS., JAN. 23

6:45 – 7:45 am	Certification Breakfast
7 – 8 am	Continental Breakfast
7 am – 6:30 pm	Registration Open
8 am – 12 pm	Conference Education & Student Track
12 – 1:15 pm	Annual Meeting & Lunch
1:30 – 6:30 pm	SAFE Silent Auction on the trade show floor
1:30 – 7 pm	STMA Exhibition and Reception
2 – 6 pm	Committee meetings on the trade show floor

### FRI., JAN. 24

7 – 8 am	Continental Breakfast
7 – 8 am	Past President's Breakfast
7 am – 1 pm	Registration Open
8 – 10:30 am	Student Challenge
8:30 – 10 am	Conference Education
9 – 10 am	Commercial Member Meeting
10 am – 12:30 pm	Silent Auction on the trade show floor
10 am – 1 pm	Exhibition Open with Lunch, Innovative Sessions
12 – 1 pm	Student Luncheon
1 – 5 pm	Half Day Seminar on Wheels
1:15 – 3 pm	Conference Education
2 – 3 pm	Riverwalk Horticultural Tour via barge (1st departure)
2:30 – 3:30 pm	Riverwalk Horticultural Tour via barge (2nd departure)
3 – 5 pm	SAFE 5K Run/Walk
6:30 – 10 pm	STMA Reception, Live Auction and Awards Banquet

### SAT., JAN. 25

8 am – 12 pm	STMA Certification Exam
8 am – 1 pm	ASBA Certification Exam



### STMA Student Challenge

**Fri., Jan., 24, 8 – 10:30 am**

Participants receive FREE conference registration by competing in the Challenge. Undergraduates from two- and four-year institutions are eligible to compete in teams of up to four people. Graduate students are not eligible. Win \$4,000 for your school! Preregistration is required and can only be completed online.

### Student Luncheon

**Fri., Jan., 24, 12 – 1 pm**

Network with CSFMs and other industry professionals during the luncheon provided on the trade show floor. The winners of the Student Challenge will be announced following the lunch.

## Conference Tracks

### Agronomic

**Tues., Jan. 21**

**2:30 – 5 pm**

STMA 400 – Evaluation and Preparation of Fields for Heavy Use  
*Grady L. Miller, Ph.D.*

**Wed., Jan. 22**

**9:30 – 10:45 am**

STMA 102 – Making the Impossible Possible: Seed to Playing in 35 Days  
*Julie Adamski, Ryan Bjorn*

**11 am – 12 pm**

STMA 108 – Aerification Today... Methods and Styles to Help Improve Playing Conditions  
*Michael Hileman*

**2 – 3:15 pm**

STMA 113 – Changing Perceptions, Pushing Limits: Grass Fields Will Take More  
*Jerad Minnick*

**Thurs., Jan. 23**

**9:15 – 10:15 am**

STMA 206 – Keeping It Green While Being Green: Cutting-Edge Environmental Fertilization  
*Bryan G. Hopkins, Ph.D.*

**9:15 – 10:15 am**

STMA 207 – Bermudagrass Management  
*John Cisar, Ph.D.*

**9:15 – 10:15 am**

STMA 208 – Cool-Season Turfgrasses for Sports Fields  
*Brad Park*

**Fri., Jan. 24**

**8:30 – 10 am**

STMA 300 – Managing High Use Fields  
*Thomas J. Serensits*

**8:30 – 10 am**

STMA 301 – Teaching the Basics of Soil Physical and Chemical Properties: The Analogy Lecture  
*Elizabeth Guertal, Ph.D.*

### Pest Control

**Tues., Jan. 21**

**2:30 – 5 pm**

STMA 401 – What Are Your Weeds Telling You?  
*Jim Brosnan, Ph.D., Gerald Henry, Ph.D.*

**Wed., Jan. 22**

**9:30 – 10:45 am**

STMA 100 – Improving Plant Performance with Plant Protection Products  
*John Cisar, Ph.D.*

**9:30 – 10:45 am**

STMA 104 – Safe Playing Fields: IPM, Legislation, and the Sports Turf Manager  
*Rich Watson*

**11 am – 12 pm**

STMA 106 – Establishing Pest Thresholds on School Grounds  
*Don Savard, CSFM, CGM*

**2 – 3:15 pm**

STMA 112 – Insect Control Update for Sport Fields – Current & Future Programs  
*David Shetlar, Ph.D.*



## STMA CONFERENCE AND EXHIBITION SPONSORS

STMA and SAFE greatly appreciate the support and commitment of our conference sponsors. Please take a moment and thank these companies in the exhibition!



3:30 – 5 pm

STMA 118 – Advanced Turf Disease Management: Maximizing Pesticide Applications to Improve Product Performance  
*Mike Fidanza, Ph.D.*

**Thurs., Jan. 23**

8 – 9 am

STMA 204 – Managing Sports Fields without Conventional Pesticides  
*Eric M. Lyons, Ph.D.*

**Fri., Jan. 24**

8:30 – 10 am

STMA 303 – Preventative, IPM, and Organic Management Systems for Schools and Municipalities  
*Brad Park*

### Safety

**Tues., Jan. 21**

2:30 – 5 pm

STMA 402 – Playability and Safety of Bermudagrass Sports Fields  
*Phillipe C. F. Aldahir, Eric Kleypas*

**Wed., Jan. 22**

3:30 – 5 pm

STMA 119 – Bermudagrass Selection and Management for Athletic Field Performance and Safety in the Transition Zone  
*Adam Thoms, John Sorochan, Ph.D.*

**Thurs., Jan. 23**

8 – 9 am

STMA 203 – Sports Field Performance Testing: G-Max and Beyond  
*Ross Kurcab, CSFM*

10:45 am – 12 pm

STMA 216 – Sustainability – Player Safety – Performance Testing Are Critical and Integrated Issues for Sport Fields  
*Gerald Henry, Ph.D., Chase Straw*

### Facility Management

**Tues., Jan. 21**

2:30 – 5 pm

STMA 403 – Understanding Our Changing Weather and Climate  
*Brad Jakubowski*

**Wed., Jan. 22**

9:30 – 10:45 am

STMA 101 – Why Research Matters to Field Managers  
*Grady L. Miller, Ph.D.*

2 – 3:15 pm

STMA 115 – Shop/Tools/Tricks of the Trade to Improve Your Operation  
*Luke Yoder*

3:30 – 5 pm

STMA 123 – Maintaining High School Athletic Fields on a Limited Budget  
*Bruce Whitehead, CMAA; Hugh McReynolds, CAA*

**Thurs., Jan. 23**

9:15 – 10:15 am

STMA 210 – Liability and Your Facility  
*Patrick D. McGuinness*

10:45 am – 12 pm

STMA 214 – Infield Maintenance at Overbrook HS: Working With What We Have  
*Rich Watson*

**Fri., Jan. 24**

8:30 – 10 am

STMA 304 – Turfgrass Mathematics 101  
*Barry Stewart, Ph.D.*

1:15 – 3 pm

STMA 309 – John Mascaro's Photo Quiz Comes Alive  
*John Mascaro*

### Water

**Tues., Jan. 21**

2:30 – 5 pm

STMA 404 – Developing and Implementing

Best Management Practices for Sports Field Water Conservation

*Kenny Pauley, Kent Dickerson*

**Wed., Jan. 22**

3:30 – 5 pm

STMA 121 – Understanding the Basics of Irrigation Design, Installation, and Troubleshooting  
*Lynda Wightman*

**Thurs., Jan. 23**

10:45 am – 12 pm

STMA 217 – Sports Fields as a Stormwater Best Management Practice  
*Rich Moffitt*

**Fri., Jan. 24**

8:30 – 10 am

STMA 302 – Water Quality and Soil Conditions  
*Nick Christians, Ph.D.*

### Professional Development

**Wed., Jan. 22**

9:30 – 10:45 am

STMA 103 – Bridging the Generation Gap in the Turf Industry  
*Joel Rieker, Tim VanLoo, CSFM*

2 – 3:15 pm

STMA 114 – The Lost Art of Communications  
*Jeffrey Fowler, Evan Fowler*

3:30 – 5 pm

STMA 122 – Reading the Tells – Learning How to Read Body Language  
*Jerry Balistreri*

**Thurs., Jan. 23**

8 – 9 am

STMA 200 – The CSFM Process Demystified  
*Tim VanLoo, CSFM*

10:45 am – 12 pm

STMA 212 – 2013 Field of the Year Winners 2013 FOY Winners



**Special Professional Development Sessions Dedicated To Students:**

**Thurs., Jan. 23**

8 – 9 am

STMA 218 – Creating a New Career Path  
*Abby McNeal, CSFM*

9:15 – 10:15 am

STMA 219 – Managing and Molding Tomorrow's Field Managers Today  
*Michael Boettcher*

10:45 am – 12 pm

STMA 220 – Internships and How to Get the Most Out of Them  
*Zach Sevens*

**Synthetic**

**Wed., Jan. 22**

11 am – 12 pm

STMA 107 – Replacing your Synthetic Infill Playing Surface  
*Darian Daily*

2 – 3:15 pm

STMA 117 – Synthetic In-Fill: Compaction and Advancement in Relief Options  
*Jason Sentell, Chad Price, CSFM, CFB*

**Thurs., Jan. 23**

8 – 9 am

STMA 205 – Reuse, Repurpose – Where's my synthetic going?  
*Chuck Klafka*

**Industry Developments**

**Wed., Jan. 22**

11 am – 12 pm

STMA 110 – New Trends and Technology in Sports Turf  
*Representatives from STMA Commercial Companies*

3:30 – 5 pm

STMA 120 – Latest Trends in European Turfgrass  
*Massimiliano Del Viva, Marco Volterrani, Alessandro De Luca*

**Thurs., Jan. 23**

8 – 9 am

STMA 201 – Traffic Tolerance and Turf Recovery: It Just Doesn't Happen  
*John Rector, Joseph K. Wipff, Ph.D.*

8 – 9 am

STMA 202 – Using Soil Moisture & Temperature Sensors as a Part of an Integrated Approach to Managing Athletic Fields  
*Amy Fouty, CSFM*

10:45 am – 12 pm

STMA 215 – Crumb Rubber Research and Real World Applications to Improve Athletic Fields  
*John Sorochan, Ph.D., Tim Vanini, Ph.D.*

**Fri., Jan. 24**

10 am – 12 pm

Innovative Sessions:

10 am

STMA 305 – Traffic/Wear Tolerance of Kentucky Bluegrass and Perennial Ryegrass Cultivars  
*Melodee Fraser, Ph.D.*

10:30 am

STMA 306 – Technology Tools and Innovations for Groundskeepers  
*Michael D'Ascanio*

11 am

STMA 307 – Overseeding Species: Best Choices for Success  
*Kathleen Dodson, Ph.D.*

11:30 am

STMA 308 – The Use of Grow Lights to Grow Grass Inside Stadiums  
*Luis Lauretti; Nico Van Vuuren*

**Construction/Renovation**

**Wed., Jan. 22**

11 am – 12 pm

STMA 109 – Complete Baseball Field Renovation  
*Keith Winter*

2 – 3:15 pm

STMA 116 – Trials and Tribulations of Building a New Sports Field Complex  
*Roger Havlak*

**Thurs., Jan. 23**

9:15 – 10:15 am

STMA 209 – Arizona Stadium: 2 Years, 2 Renovations  
*Matt Anderson, CSFM*

9:15 – 10:15 am

STMA 211 – Managing Turf in the MLS  
*Robert Heggie*

10:45 am – 12 pm

STMA 213 – Renovation Practices at Real Madrid and Manchester United FC – Part 2  
*Simon Gumbrell*

**CEUs**

**CEUs and Pesticide Recertification Credits**

Many organizations recognize the caliber of STMA education and are awarding CEUs! CEUs have been approved by ASBA, NRPA, TTA, TNLA, IA, NIAAA, GCSAA, TCEQ, and PLANET. CEUs are pending for Texas Pesticide Recertification Credits.